

Attorney's Docket No. K&A 23-0172  
Client's Docket No. 14666

**APPLICATION**

**FOR UNITED STATES LETTERS PATENT**

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**SPECIFICATION**

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT I, **STEVE MILCETICH**, a citizen of  
UNITED STATES OF AMERICA, have invented a new and useful  
**BOTTLE SUPPORT DEVICE** of which the following is a  
specification:

## BOTTLE SUPPORT DEVICE

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### BACKGROUND OF THE INVENTION

#### Field of the Invention

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The present invention relates to water bottle storage stands and more particularly pertains to a new bottle support device for supporting a water bottle at angle to facilitate dispensing water in the water bottle.

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#### Description of the Prior Art

The use of water bottle storage stands is known in the prior art. U.S. Patent No. 5,370,245 describes a system for supporting water cooler bottles on their side for convenience of storage and removal when ready for use. Another type of water bottle storage stand is U.S. Patent No. 4,146,795 having a plurality of containers with an angled bottom wall that are positioned into a frame to hold the containers for dispensing liquid from the containers. U.S. Patent No. 6,145,702 has an height adjusting means that adjusts the height of the liquid supply bottle to allow for the adjusting of a minimum liquid level in the liquid supply bottle. U.S. Patent No. 6,076,707 has a dispensing rack engaging a beverage bottle so that the beverage bottle is positioned above the support surface.

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While these devices fulfill their respective, particular objectives and requirements, the need remains for a device that has

certain improved features to tilt a standard water bottle to facilitate dispensing water in the water bottle.

## 5 SUMMARY OF THE INVENTION

The present invention meets the needs presented above by providing a body member that tapers from a second end to a first end to allow the water bottle to sit an angle when the water bottle  
10 is positioned on the body member.

Still yet another object of the present invention is to provide a new bottle support device that has a periphery wall to define a recessed space to receive the water bottle and inhibit the water  
15 bottle from sliding off of the body member.

Even still another object of the present invention is to provide a new bottle support device that provides an arcuate cut out in the periphery wall to allow the water nozzle to extend beyond the  
20 periphery wall without abutting the periphery wall.

To this end, the present invention generally comprises a body member comprising a first end and a second end. The body member tapers from the second end to the first end. The body member is  
25 designed for being positioned on a shelf of the refrigerator. The body member is designed for being positioned under the water bottle whereby the body member supports the water bottle at an angle to concentrate the water around a water nozzle of the water bottle to allow the pressure from the water to increase the rate at  
30 which water is dispensed from the water nozzle.

There has thus been outlined, rather broadly, the more important features of the invention in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better  
5 appreciated. There are additional features of the invention that will be described hereinafter and which will form the subject matter of the claims appended hereto.

The objects of the invention, along with the various features  
10 of novelty which characterize the invention, are pointed out with particularity in the claims annexed to and forming a part of this disclosure.

#### **BRIEF DESCRIPTION OF THE DRAWINGS**

15 The invention will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

20 Figure 1 is a perspective view of a new bottle support device according to the present invention.

Figure 2 is a side view of the present invention shown in use.

25 Figure 3 is a cross-sectional view of the present invention taken along line 3-3 of Figure 1.

#### **DESCRIPTION OF THE PREFERRED EMBODIMENT**

30 With reference now to the drawings, and in particular to Figures 1 through 3 thereof, a new bottle support device embodying

the principles and concepts of the present invention and generally designated by the reference numeral 10 will be described.

As best illustrated in Figures 1 through 3, the bottle support device 10 generally comprises a body member 11 comprising a first end 12 and a second end 13. The body member 11 tapers from the second end 13 to the first end 12. The body member 11 is designed for being positioned on a shelf of the refrigerator. The body member 11 is designed for being positioned under the water bottle whereby the body member 11 supports the water bottle at an angle to concentrate the water around a water nozzle of the water bottle to allow the pressure from the water to increase the rate at which water is dispensed from the water nozzle. The body member 11 comprises a plastic material whereby the plastic material is light weight to be easily moved by the user and yet rigid enough to support the weight of the water and the water bottle. The body member 11 has a width of about 6-1/4 inches and a length of about 10-1/2 inches.

A periphery wall 14 is coupled to the body member 11 whereby the periphery wall 14 extends upwardly from a top surface 15 of the body member 11. The periphery wall 14 and the body member 11 define a recessed space 16 whereby the recessed space 16 is designed for receiving the water bottle. The periphery wall 14 is designed for selectively abutting the water bottle whereby the periphery wall 14 is for inhibiting sliding of the water bottle off of the body member 11 when the water bottle is position on the body member 11. The periphery wall 14 has a height of about 3/4 of an inch thereby providing the recessed space 16 with a depth of about 3/4 of an inch. The height of the body member 11 to and the periphery wall 14 at the first end 12 of the body member 11 is

about an inch. The height of the body member 11 and the periphery wall 14 at the second end 13 of the body member 11 is about 4-1/2 inches to allow for the body member 11 to taper from the second end 13 to the first end 12.

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The periphery wall 14 comprises an arcuate cut out 17 extending into the periphery wall 14. The arcuate cut out 17 is positioned proximate the first end 12 of the body member 11. The arcuate cut out 17 is designed for providing clearance of the 10 periphery wall 14 by the water nozzle of the water bottle when the water bottle is positioned in the recessed space 16 defined by the periphery wall 14 and the body member 11.

At least one foot member 18 is coupled to a bottom surface 19 15 of the body member 11. The foot member 18 is designed for being positioned between the body member 11 and the shelf of the refrigerator whereby the foot member 18 is for inhibiting sliding of the body member 11 along the shelf of the refrigerator. More than one foot member 18 may be used with one being positioned 20 proximate the first end 12 of the body member 11 and the other foot member 18 being positioned proximate the second end 13 of the body member 11. When more than one foot member 18 is used each foot member 18 has a length of about 6-1/4 inches and a width of about 3 inches. The foot member 18 comprises a friction enhancing 25 material. The friction enhancing member is designed for enhancing frictional contact with the shelf of the refrigerator to inhibit sliding the body member 11 with respect to the shelf of the refrigerator. The friction enhancing material comprises a rubber material. The rubber material is designed for frictionally engaging

the shelf of the refrigerator to inhibit sliding of the body member 11 with respect to the shelf of the refrigerator..

In use, the user places the body member 11 onto the shelf of  
5 the refrigerator so that the foot member 18 is positioned on the  
shelf. The water bottle is then placed on body member 11 so that  
the water bottle is positioned in the recessed space 16 and the water  
nozzle extends through the arcuate cut out 17 so that the water  
nozzle is not abutting against the periphery wall 14. The user then  
10 actuates the water nozzle to dispense water from the water bottle  
and the slope of the body member 11 concentrates the water around  
the water nozzle to enhance flow of water from the water nozzle.

With respect to the above description then, it is to be realized  
15 that the optimum dimensional relationships for the parts of the  
invention, to include variations in size, materials, shape, form,  
function and manner of operation, assembly and use, are deemed  
readily apparent and obvious to one skilled in the art, and all  
equivalent relationships to those illustrated in the drawings and  
20 described in the specification are intended to be encompassed by  
the present invention.

Therefore, the foregoing is considered as illustrative only of  
the principles of the invention. Further, since numerous  
25 modifications and changes will readily occur to those skilled in the  
art, it is not desired to limit the invention to the exact construction  
and operation shown and described, and accordingly, all suitable  
modifications and equivalents may be resorted to, falling within the  
scope of the invention.